

9904.417 Cost of money as an element of the cost of capital assets under construction.**9904.417-10 [Reserved]****9904.417-20 Purpose.**

The purpose of this Cost Accounting Standard is to establish criteria for the measurement of the cost of money attributable to capital assets under construction, fabrication, or development as an element of the cost of those assets. Consistent application of these criteria will improve cost measurement by providing for recognition of cost of contractor investment in assets under construction, and will provide greater uniformity in accounting for asset acquisition costs.

9904.417-30 Definitions.

(a) The following are definitions of terms which are prominent in this Standard. Other terms defined elsewhere in this part 99 shall have the meanings ascribed to them in those definitions unless paragraph (b) of this subsection requires otherwise.

(1) *Intangible capital asset* means an asset that has no physical substance, has more than minimal value, and is expected to be held by an enterprise for continued use or possession beyond the current accounting period for the benefits it yields.

(2) *Tangible capital asset* means an asset that has physical substance, more than minimal value, and is expected to be held by an enterprise for continued use or possession beyond the current accounting period for the services it yields.

(b) The following modifications of terms defined elsewhere in this chapter 99 are applicable to this Standard: None.

9904.417-40 Fundamental requirement.

The cost of money applicable to the investment in tangible and intangible capital assets being constructed, fabricated, or developed for a contractor's own use shall be included in the capitalized acquisition cost of such assets.

9904.417-50 Techniques for application.

(a) The cost of money for an asset shall be calculated as follows:

(1) The cost of money rate used shall be based on interest rates determined by the Secretary of the Treasury pursuant to Public Law 92-41 (85 stat. 97).

(2) A representative investment amount shall be determined each cost accounting period for each capital asset being constructed, fabricated, or developed giving appropriate consideration to the rate at which costs of construction are incurred.

(3) Other methods for calculating the cost of money to be capitalized, such as the method used for financial accounting and reporting, may be used, provided the resulting amount does not differ materially from the amount calculated by use of paragraphs (a) (1) and (2) of this subsection.

(b) If substantially all the activities necessary to get the asset ready for its intended use are discontinued, cost of money shall not be capitalized for the period of discontinuance. However, if such discontinuance arises out of causes beyond the control and without the fault or negligence of the contractor, cessation of cost of money capitalization is not required.

9904.417-60 Illustrations.

(a) A contractor decided to build a major addition to this plant using both his own labor and outside subcontractors. It took 13 months to complete the building. The first 10 months of the construction period were in one cost accounting period. At the end of the cost accounting period the total charges, including cost of money computed in accordance with 9904.414, accumulated in the construction-in-progress account for this project amounted to \$750,000. However, most of these construction costs were incurred towards the end of the cost accounting period. In developing a method for determining a representative investment amount, appropriate consideration must be given to the rate at which costs have been incurred in accordance with 9904.417-50(a)(2). Therefore, the contractor averaged the 10 month-end balances and determined that the average investment in the project was

\$245,000. Two cost of money rates were in effect during the 10-month period; their time-weighted average was determined to be 8.6 percent. Application of the 8.6 percent rate for ten-twelfths of a year to the representative balance of \$245,000 resulted in the determination that \$17,558 should be added to the construction-in-progress account in recognition of the cost of money related to this project in its first cost accounting period. The project was completed with the addition of \$750,000 of additional costs during the first 3 months of the subsequent cost accounting period. The contractor considered the 3 month-end balances (which included the \$17,558 capitalized cost of money described in the preceding paragraph) and determined that the representative balance was \$1,234,000. The cost of money rate in effect during this 3-month period was 7.75 percent. Applying the rate of 7.75 percent for one-fourth of a year to the balance of \$1,234,000 resulted in a determination that \$23,909 should be added to the construction-in-progress account in recognition of the cost of money while under construction in the second cost accounting period. The capitalized project was put into service at the recognized cost of acquisition of \$1,541,467 which consists of the "regular" costs of \$1,500,000 plus \$17,558 and \$23,909 cost of money. This practice is in accordance with 9904.417-50(a) and other applicable provisions of the Standard.

NOTE: An alternative technique would be to make separate calculations, using an appropriate investment amount and cost of money rate, for each month. The sum of the monthly cost of money amounts could be entered in the construction-in-progress account once each cost accounting period.

(b) A contractor built a major addition with identical basic data to those described in 9904.417-60(a) except that the costs were incurred at a fairly uniform rate throughout the period. Because of the pattern of cost incurrence, the contractor used beginning and ending balances of the cost accounting period to find the representative amounts. For the first cost accounting period the representative investment amount was the average of the beginning and ending balances (zero and \$750,000), or \$375,000. Application of the

average interest rate of 8.6 percent for ten-twelfths of a year resulted in the determination that \$26,875 should be added to the construction-in-progress account in recognition of the cost of money related to this project in its first cost accounting period. During the subsequent 3 months the contractor used the representative balance of \$1,151,875, derived by averaging the beginning balance of \$776,875 (\$750,000 "regular" cost plus the \$26,875 imputed cost from the prior period) and the balance at the end, \$1,526,875. Applying the 7.75 percent cost of money rate to this balance for a 3-month period resulted in a determination that \$22,317 should be added to the construction-in-progress account in recognition of the cost of money while under construction in the second cost accounting period. The capitalized project was put into service at the recognized cost of acquisition of \$1,549,192 which consists of the "regular" costs of \$1,500,000 plus \$26,875 and \$22,317 imputed cost of money. This practice is in accordance with 9904.417-50(a) and other applicable provisions of the Standard.

NOTE: If this contractor, acting in accordance with established Standards for financial accounting, allocated a portion of its paid interest expense to this construction project and the resultant acquisition cost for financial reporting purposes was not materially different from \$1,549,192, the contractor could, in accordance with 9904.417-50(a)(iii), use the same acquisition cost for contract costing purposes.

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9904.417-61 Interpretation. [Reserved]

9904.417-62 Exemption.

None for this Standard.

9904.417-63 Effective date.

This Standard is effective as of April 17, 1992. Contractors with prior CAS-covered contracts with full coverage shall continue this Standard's applicability upon receipt of a contract to which this Standard is applicable. For contractors with no previous contracts subject to this Standard, this Standard shall be applied beginning with the contractor's next full fiscal year beginning after the receipt of a contract to which this Standard is applicable.